

EQUIPTO - PRiMA

PALLET RACK INDUSTRIAL MOBILE AISLE



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1. Track Configuration

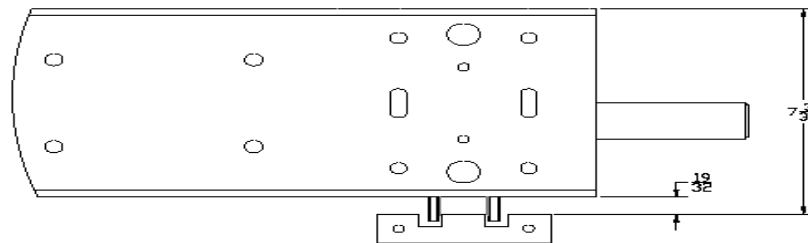
- a. Due to in floor installation, the floor must be level/flat within $\frac{1}{4}$ " – unlike our current track, there no leveling bolts provided.
- b. Slab should be a minimum of 6" thick.
- c. Due to the routing of the floor for track installation, you must determine if there are any reinforcement rods, drain pipes, heating elements, etc. that were installed in the floor during construction.
- d. Track comes in two lengths – 4' and 6'.
- e. There are two types of track – flat track for rolling wheels and grooved track for guide wheels.
- f. There will always be two rows of grooved track for the guide wheels.
- g. The number of track rows will be determined by the number of carriage sections.
- h. There are no provisions for floor top track.
- i. Allow a minimum or 4' between the wall and the first track.

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2. Carriage Configuration

- a. Carriage sections are 4' wide by 10' or 8' (nominally) long and accommodate 48"D or 42"D X 8'W or 10'W Pallet Sections
- b. Actual Dimensions - Starter carriages are 9" longer than the nominal and add-on carriages are 3" longer than the nominal.
- c. Carriages can be up to a maximum of five sections long – a starter and four add-ons.
- d. There are two types of carriage sections – driven and coasting. Coasting carriages are joined to the driven carriage by means of a coupling bracket. The total width of the coupled carriage section is 8'-10-1/2"
- e. Each carriage section has a maximum capacity rating of 15,000 pounds. A five section long, coupled carriage has a total capacity of 150,000 pounds
- f. When determining system length, allow 6" between coupled carriages.
- g. Carriage side elevations:



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3. Electronics

- UL and cUL listed. CE Marked
- Carriages are powered by up to four 90W, 24VDC motors with soft start/stop.
- 110V service on minimum 20 amp breaker
- Carriages come with a programmable audible safety signal, floor level photo sweep and an emergency stop on each keypad. Color coded access keys are available upon request.
- One year warranty.

Example Layout

